

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	261	725/113.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/10/04 15:01
L3	121	L2 & (html or meta or markup)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/10/04 15:02
S1	253	((HYUN-KWON) near2 (CHUNG)). INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/18 10:58
S2	234	((SUNG-WOOK) near2 (PARK)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/18 10:58
S3	653	725/37.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/10/04 14:57
S4	5	US-5907659-\$.DID. OR US-20020078144-\$.DID. OR US-20030093816-\$.DID. OR US-20030194207-\$.DID. OR EP-0838948-\$.DID. OR EP-1307046-\$.DID. OR WO-03036460-\$.DID. OR WO-03036460052003-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 09:12
S6	92849	(aspect or view\$3 or active picture or picture or display) ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/18 17:21

## EAST Search History

S7	178217	(markup or page description language or pdl or gml or hpgl or postscript or tex)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/18 17:27
S8	13377	(pan-scan or letter box or 4:3 or 16:9 or widescreen or wide screen)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/18 17:29
S9	15277	S6 and video	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/18 17:30
S10	2957823	(video or av or audio or audio video or dvd or media or tv or television or media player)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/18 17:32
S11	2735	S10 and S6 and S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/18 17:32
S12	936	S11 and interactive	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/18 17:33
S14	52	S12 and ("725"/\$.ccls. or "386"/\$.ccls)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/18 17:38
S15	583	device aspect ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/18 18:48

## EAST Search History

S16	20	S15 and S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/18 17:38
S17	21012	(video or tv or television or media) and markup and (adjust\$3 or scal\$4 or transform\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/18 18:51
S18	257	S17 and S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/18 18:53
S19	257	S18 and (tag or markup or code or embed or pdl or embedded)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/18 18:54
S20	257	S18 and markup	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/18 18:55
S21	121	S7 and screen aspect	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/18 18:55
S22	2	US-20020106191-\$.DID. OR US-5982445-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 08:38
S23	8390	dvd and (metadata or tags or markup) same (aspect ratio or aspect or format)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 09:17

## EAST Search History

S24	5	S23 and device info	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 09:15
S25	2513	S23 and interactive	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 09:16
S26	1162	S25 and movie	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 09:16
S27	1131	S26 and video	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 09:18
S28	137	S27 and (picture size or aspect ratio size or tv monitor or device aspect ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 10:10
S29	479	dynamic resolution	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 10:10
S30	37648	dynamic and resolution and video	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 10:11
S31	1745	dynamic same resolution same video	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 10:11

## EAST Search History

S32	1002	S31 and (software or game or metadata or markup or web)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 10:12
S33	457	S32 and automatic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 10:21
S34	49	S31 and (letter box or pan-scan or 4:3 or 16:9 or widescreen)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 10:28
S35	2518	device and aspect and ratio.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 10:28
S36	373	S35 and (dvd or video or tv or television)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 10:29
S37	16	S36 and (markup or metadata or metatage or tag)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 10:34
S38	1266	(aspect and ratio).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 10:35
S39	20	S38 and (markup or metadata or metatag or tag or meta)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 10:36

## EAST Search History

S40	644	dvd same html	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 14:40
S41	615	S40 and (display or monitor or tv or television)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 14:41
S42	237	S41 and ("725"/\$.ccls. or "348"/\$.ccls. or "386"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 16:45
S44	400	cookson.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 16:46
S45	11	S44 and (meta or metadata or markup or mark up or html or markup language)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 16:48
S48	26281	"aspect ratio" and detect\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 16:55
S49	3972	S48 and ("725"/\$ or "386"/\$ or "348"/\$).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 16:55
S50	533	S49 and (meta or metadata or markup or mark-up or markup language or html)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 16:55

## EAST Search History

S51	487	S50 and (dvd or optical or storage medium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 16:54
S52	4229	"aspect ratio" same detect\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 16:55
S53	765	S52 and ("725"/\$ or "386"/\$ or "348"/\$).cccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 16:55
S54	51	S53 and (meta or metadata or markup or mark-up or markup language or html)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/19 16:56
S56	565	video and montage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/25 07:49
S57	213	S56 and (enav or enhanced av or enhanced audio video or hd or high definition or enhanced)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/25 07:52
S58	46	S57 and ("725"/\$ or "386"/\$ or "348"/\$).cccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/25 09:10
S59	169600	("725"/\$ or "386"/\$ or "348"/\$).cccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/25 09:05

## EAST Search History

S62	174	markup and "4:3" and "16:9"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/25 09:08
S63	116	S59 and S62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/25 09:09
S64	11	S63 and transform	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/25 09:09
S65	7636	S59 and (AV or audio video or a/v) and dvd	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/25 09:11
S66	641	S65 and markup	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/25 09:11
S67	126	S66 and ("4:3" or "16:9")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/25 09:12
S78	107	(ENAV or "enhanced audio and video") and computer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/27 11:39
S79	169700	("725"/\$ or "386"/\$ or "348"/\$). ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/27 11:39

## EAST Search History

S80	63	S79 and S78	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/27 11:46
S81	75098	"audio video engine" or "av engine" or ((audio video) or (av) and engine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/27 11:47
S82	17610	S81 and S79	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/27 11:47
S83	12535	S82 and computer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/27 11:47
S84	5255	S83 and DVD	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/27 11:47
S85	5173	S84 and system	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/27 11:47
S86	1135	S85 and (markup or meta or HTML)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/27 16:59
S87	1110	S86 and control\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/27 11:49

## EAST Search History

S90	422	S86 and resolution	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/27 16:54
S91	197	S90 and tag	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/27 19:00
S94	63	S86 and (resolution same tag)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/09/27 17:03
S96	6	("20020106191" "20020078144" "20030093816" "20030194207" "5907659" "5982445").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/10/01 16:04
S97	5	S96 and (device aspect ratio or aspect ratio or frame width or frame specifications or frame size)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/10/01 10:22
S98	6	("20020106191" "20020078144" "20030093816" "20030194207" "5907659" "5982445").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/10/01 16:20
S99	5	S98 and (tag or marker or flag or unique identifier or bookmark)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/10/01 16:05
S100	1	S98 and resolution	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/10/01 16:20

## EAST Search History

S10 1	48	(US-20030194207-\$ or US-20030093816-\$ or US-20020078144-\$ or US-20060015813-\$ or US-20050203927-\$ or US-20040190876-\$ or US-20050193412-\$ or US-20040148627-\$ or US-20040123316-\$ or US-20020057286-\$ or US-20060110135-\$ or US-20040143789-\$ or US-20040141717-\$ or US-20050213666-\$ or US-20040143793-\$ or US-20040136698-\$ or US-20060250422-\$ or US-20050190202-\$ or US-20050276572-\$ or US-20040164998-\$ or US-20020106191-\$ or US-20060005222-\$ or US-20040212731-\$ or US-20030222889-\$ or US-20040247292-\$ or US-20040139249-\$).did. or (US-20040114915-\$ or US-20030147635-\$ or US-20040190875-\$ or US-20040190861-\$ or US-20040114914-\$ or US-20040081425-\$ or US-20030086690-\$ or US-20070118812-\$).did. or (US-5907659-\$ or US-7098936-\$ or US-6791578-\$ or US-6747671-\$ or US-7173666-\$ or US-7075559-\$ or US-4951149-\$ or US-5982445-\$ or US-5983247-\$ or US-5897644-\$ or US-6263344-\$ or US-6195692-\$). did. or (EP-1307046-\$).did. or (NNRD438156).tban.	US-PGPUB; USPAT; EPO; IBM_TDB	ADJ	ON	2007/10/01 16:22
S10 2	21	S101 and (resolution or pixel area or pixel coordinates)	US-PGPUB; USPAT; EPO; IBM_TDB	ADJ	ON	2007/10/01 16:57
S10 4	6	S101 and ((resolution or pixel area or pixel coordinates) same (tag or marker or identif\$3))	US-PGPUB; USPAT; EPO; IBM_TDB	ADJ	ON	2007/10/01 16:45
S10 5	0	("2003/0222889").URPN.	USPAT	ADJ	ON	2007/10/01 16:45

## EAST Search History

S10 6	18	S102 and aspect ratio	US-PGPUB; USPAT; EPO; IBM_TDB	ADJ	ON	2007/10/01 16:57
S10 7	658	725/37.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2007/10/03 07:49